GV-BX3400 Series   3MP H.264 WDR Pro D/N Box IP Camera

GV-BX3400-0F / 1F / 2F

GV-BX3400-4V

GV-BX3400-5V

- 3 megapixel progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 20 fps at 2048 x 1536, 30 fps at 1920 x 1080
- Built-in / external microphone
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Memory Card Slot
- Mini USB slot for WiFi Adapter (Optional)
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- DC 12V / PoE
- Removable IR-cut filter for Day/Night function
- Varifocal megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF conformant

 * No Memory card slot & local storage function for Argentina.

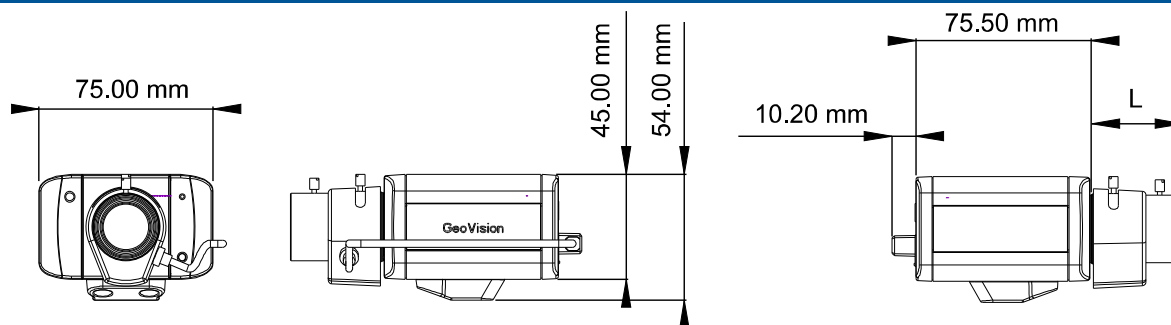**Active Tampering Alarm**

| Tampered | Focus Change | Camera Shift |

Model	L Length
BX3400-0F	15.7 mm
BX3400-1F	15.7 mm
BX3400-2F	15.7 mm
BX3400-4V	37.1 mm
BX3400-5V	46.9 mm

SPECIFICATIONS

Camera		GV-BX3400-0F	GV-BX3400-1F	GV-BX3400-2F	GV-BX3400-4V	GV-BX3400-5V
Image Sensor		1/3.2" progressive scan CMOS				
Picture Elements		2048 (H) x 1536 (V)				
Minimum Illumination	Color	0.08 Lux at F/1.4				
	B/W	0.05 Lux at F/1.4				
	IR ON	0 Lux				
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)				
White Balance		Automatic, Manual (2800 ~ 8500K)				
Gain Control		Automatic				
S/N Ratio		47 dB				
BLC		Yes				
WDR Pro		Yes (with WDR sensor)				
Lens						
Megapixel		Yes				
Day/Night		Yes (with removable IR-cut filter)				
Lens Type		Fixed			Varifocal	
Focal Length		4 mm	8 mm	12 mm	3 ~ 10.5 mm	2.8 ~ 6 mm
Maximum Aperture		F/1.5	F/1.6		F/1.4	F/1.3
Mount		CS Mount				
Image Format		1/3"	1/2.5"		1/2.7"	1/3"
Operation	Focus	Manual			Manual (w/lock)	
	Zoom	Fixed			Manual (w/lock)	
	Iris	Fixed			DC drive	
Torque (Focus/Zoom screws)		0.049 N.m				
Operation						
Video Compression		H.264, MJPEG				
Video Streaming		Dual streams from H.264 and MJPEG				
Frame Rate		20 fps at 2048 x 1536 * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).				
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog				
Audio Compression		G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only supported by GV-System V8.5.6 or later.				
Two-way Audio		Yes				
Sensor Input		1 input (Dry Contact)				
Alarm Output		1 Digital Output (200mA 5V DC)				

Video Resolution

Main Stream	4:3	2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16:9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256

Network

Interface	10/100 Ethernet
Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF
Wireless LAN	IEEE 802.11 b/g/n
Antenna Type	External
Security	WEP, WPA-PSK(TKIP), WPA-PSK(AES), WPA2-PSK(TKIP), WPA2-PSK(AES)

Mechanical

Temperature Detector		Yes
Connectors	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	1 In (Using the built-in microphone or externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in
	Auto Iris	Yes
	Local Storage	Micro SD / SDHC / SDXC memory card slot (for Class 6 card or above)
	TV-Out	BNC connector (640 x 480 resolution)
	Mini USB	Yes (for GV-WiFi Adapter)
LED Indicator		2 LEDs: Power, Status

General

Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity	10% to 90% (no condensation)
Power Source	12V DC / PoE
Max. Power Consumption	9.5W
Dimensions (L X W X H)	75.5 x75 x 54 mm / 2.97 x 2.95 x 2.13 in (without lens)
Weight	300 g / 0.66 lb
Regulatory	CE, FCC, C-Tick, RoHS compliant

Power over Ethernet

PoE Standard	IEEE 802.3af Class 3 Power over Ethernet / PD
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts

Web Interface

Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Camera live view, video recording, change video quality, bandwidth control, image snapshot, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish

Applications

Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access	GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad
Live Viewing	IE, GV-MultiView
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note:

1. The signal range and data throughput may vary depending on the network conditions and environmental factors.
2. Specifications are subject to change without notice.